

CLAIM OR CLAIMS

The embodiments in which an exclusive property and privilege is claimed are defined as follows:

1. A child vehicle safety device usable in-conjunction with a child's car seat, which includes a system to monitor the interior temperature of a vehicle should a child be left in the vehicle during life threatening temperatures comprising:
 - a) the device will consist of a flexible rubber pad, positioned in a car seat underneath the child between the child and the car seat
 - b) the device is weight activated, whereby the pad will contain an air filled pocket, the weight of the child will force the air out of the pocket and into a pressure monitoring unit, activating the device
 - c) the device may also contain confirmation devices comprising of
 - i) at least two sensor beams, whereby placing the child into the seat and onto the pad will break the sensor beams confirming the seat is occupied
 - ii) wire connectors attached to the seat belt, whereby completing the circuit once the child is placed in the car seat and the seat belt is fastened
 - d) the device will contain a temperature monitoring unit, which will monitor the interior temperature of the vehicle

- e) the device will contain an alarm mechanism, which will be triggered should the interior temperature of the vehicle exceed or fall below the predetermined temperature while the car seat is occupied
- 2. The invention cited in claim 1 will turn itself on and off based upon the car seat being occupied; and the required amount of pressure being received by the pressure monitoring unit
- 3. The invention cited in claim 1 will have an indicator light alerting whether the device is activated
- 4. The invention cited in claim 1 will begin to monitor the interior temperature of the vehicle after a programmable amount of time has expired allowing the interior temperature to reach normal/safe temperatures
- 5. The invention cited in claim 1 can have power sources comprising:
 - a) independent battery power, separate from the vehicle battery, with low battery indicator
 - b) directly to the vehicle or alternate power such as a cigarette lighter
- 6. The alarm cited in claim 1 can comprise of:
 - a) bright light or signal, clearly visible to anyone outside of the vehicle within a reasonable distance;
 - b) high pitched siren or vehicle's car horn
 - c) transmitting unit, capable of transmitting signals to:
 - i) a receiver located at a monitoring center, law enforcement agency, or emergency rescue agency
 - ii) portable or permanent GPS system

iii) portable receiver capable of being kept on guardian of the child

7. The invention recited in claim 1 wherein said pad is detachable from the car seat and universal with all types of car seats and bolster seats
8. The invention recited in claim 1 whereby the device is portable allowing it be transported to other car seats or vehicles. Future models can require the device to be built directly into the manufacturing of the car seat
9. The invention in claim 1 may also contain physical deactivation devices comprising of:
 - a) reset switch attached directly to the system
 - b) remote deactivation